Software





Data manipulation and visualization

Caret package.

Uniform interface to standardize common modelling tasks. In particular for cross-validation

XGBoost

Optimized distributed library for a gradient boosting framework

xgboostExplainer package.

Tools to interpret the results of XGBoost

Linear model

All the predictors were significant to the response and a significant regression equation was found:

$$F(4,7651) = 2.517 \times 10^{-4}, p < 2.2 \times 10^{-16}$$

with

$$R^2 = 0.9294$$
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